

United States Patent [19]
Yee

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[54] **DIGITAL DATA CAPTURE FOR USE WITH TV SET OR MONITOR**

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[*] **Notice:** The portion of the term of this patent subsequent to Jan. 16, 2007 has been disclaimed.

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Related U.S. Application Data

[63] Continuation of Ser. No. 158,592, Feb. 22, 1988, Pat. No. 4,894,789.

[51] **Int. Cl.⁵** H04N 7/10

[52] **U.S. Cl.** 364/521; 358/86; 358/91; 455/4

[58] **Field of Search** 364/518, 521, 522; 358/84, 86, 91, 92, 93, 94, 296, 301; 360/5; 369/48, 49, 83; 455/3, 4

[56] **References Cited**

U.S. PATENT DOCUMENTS

4,367,548	1/1983	Cotton et al.	358/86 X
4,367,557	1/1983	Stern et al.	358/86
4,395,780	7/1983	Gohm et al.	358/86 X
4,695,880	7/1987	Johnson et al.	358/86
4,734,764	3/1988	Pocock et al.	358/86

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[57] **ABSTRACT**

A TV data capture device is used with a TV set or monitor to selectively extract, store, retrieve and display on the TV set or monitor extracted digital data. A composite video-digital signal is received from which digital data is removed by a digital data extractor. A memory unit, a permanent storage unit, and a microprocessor are also provided, enabling the user to store and retrieve from storage selected digital data previously extracted from the composite signal. A digital video converter converts extracted digital data to video signals for display of extracted digital data with the currently transmitted video signal.

16 Claims, 1 Drawing Sheet.

